

Supplementary C: Comorbidities and associated ICD-10 and ICD-8 codes.

#	Features	ICD-10 codes	ICD-8 codes
1	Acute myocardial infarction	I21 – I23, I25	410
2	Congestive heart failure	I50, I11, I13	042709 – 42711, 42719, 42899, 78249
3	Peripheral vascular disease	R02, Z95, I70, I71 – I79	440 – 445
4	Cerebral vascular accident	I60 – I67, G45, G46	430 – 438
5	Dementia	F00 – F03, F05, G30	29009 – 29019, 29309
6	Pulmonary disease	J00 – J86, J90 – J99	490 – 493, 515 – 518
7	Connective tissue disorder	M05 – M14, M30 – M36, D86	13599, 4446, 712, 716, 734
8	Peptic ulcer	K22, K25, K26, K27, K28	53091, 53098, 531, 532, 533, 534
9	Liver disease	B17, B18, K71, K73, K74, K75, K77	571, 57301, 57304
10	Diabetes	E10, E100, E101, E109, E109A, E11, E110, E111, E119, E13, E130, E131, E135 – E139, E14, E140 – E149	24900, 24906, 24907, 24909, 25000, 25006, 25007, 25009
11	Diabetes complications	E102 – E105, E105A, E105B, E105C, E105D, E106 – E108, E112 – E118, E132, E133, E134, E142 – E148	24901 – 24905, 24908, 25001 – 25005, 25008
12	Paraplegia	DG04, DG80, DG81, DG82, DG83	344
13	Renal disease	N01, N02, N03, N04, N05, N06, N07, N08	403, 404, 580 – 584, 59009, 59319, 75310 – 75318, 792
14	Cancer	C00 – C76, C86	140 – 194, 19248
15	Metastatic cancer	C77 – C80	195 – 199
16	Leukemia	C91 – C95	204 – 207
17	Lymphoma	C81 – C85, C88, C90, C96	200 – 203, 27559
18	Severe liver disease	B15, B16, B19, K70, K72, K76, I85	07000, 07002, 07004, 07006, 07008, 45600 – 45609, 57300
19	HIV	B20 – B24	07983